

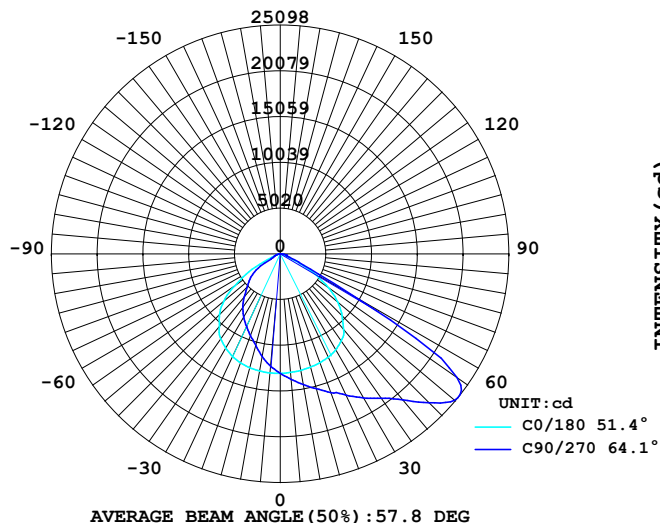
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

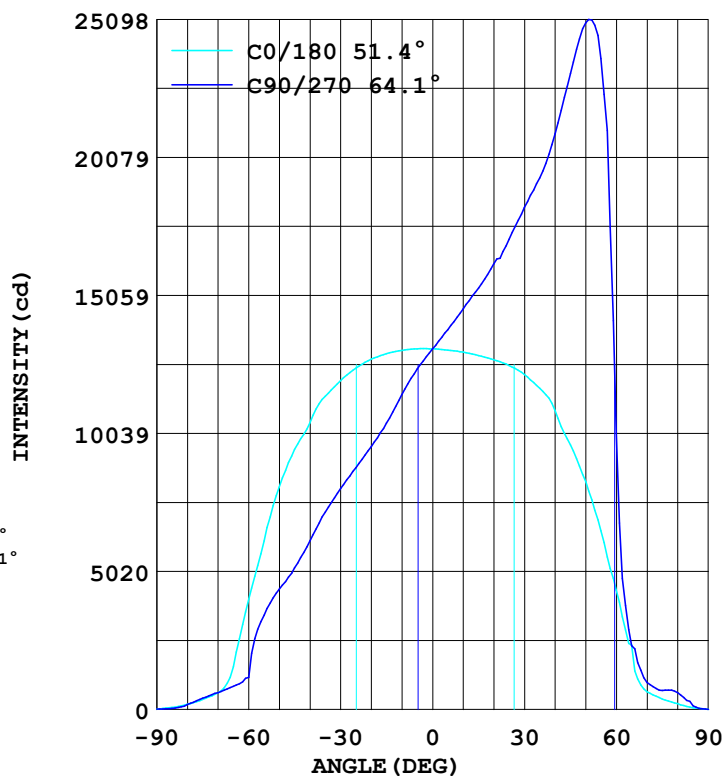
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N30040-P60	WEIGHT:
SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	25821	S/MH (C0/180)	1.35
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.93
NOMINAL POWER(W)	300	TOTAL FLUX(lm)	40352	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	134.6	Current(A)	1.319
NOMINAL FLUX(lm)	40352.5	η up (%)	0.0	Power(W)	299.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	40352.4	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.21

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

Color Temperature Data List

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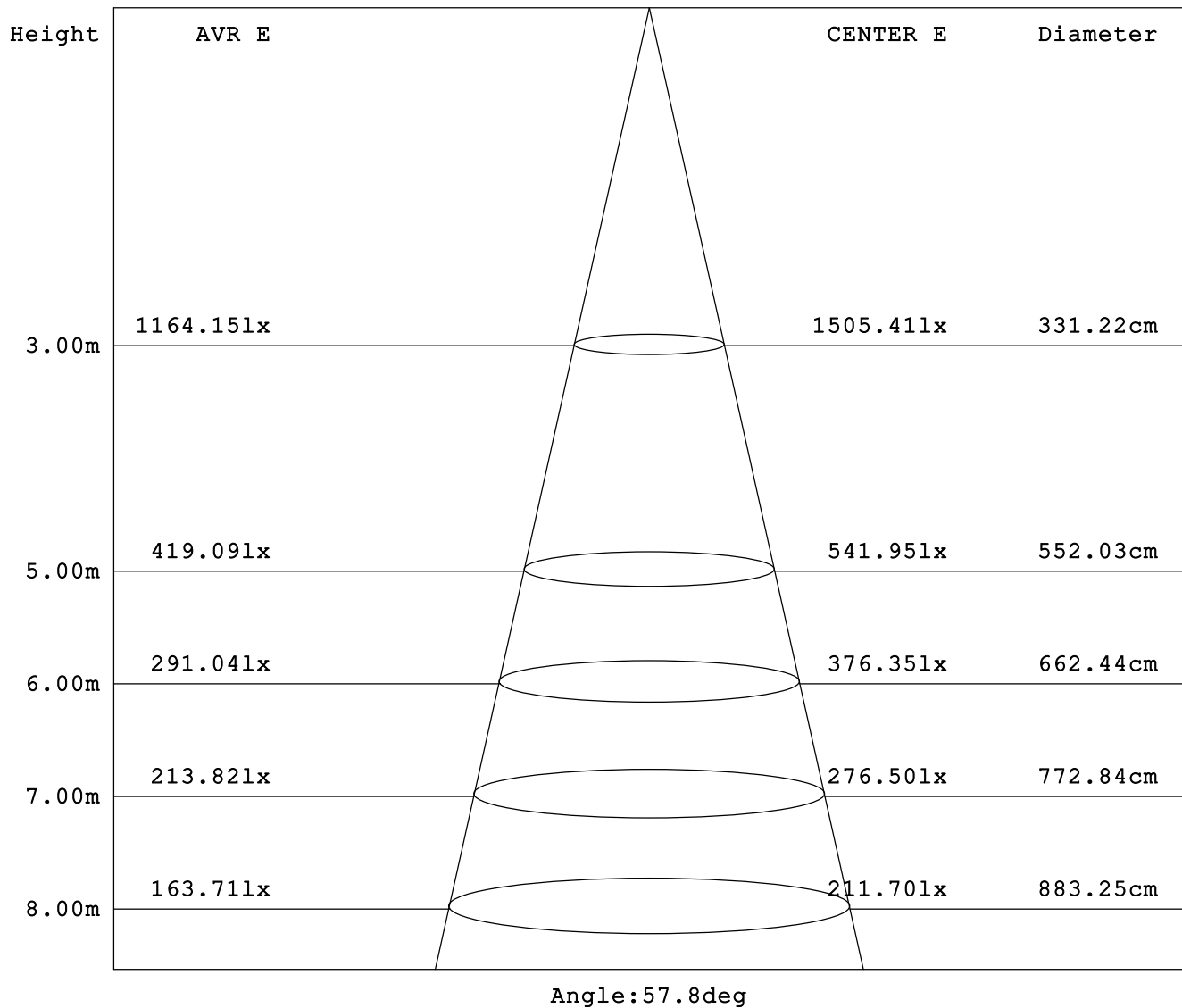
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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NAME: Klose	TYPE: IL-FL19-N30040-P60	WEIGHT:
SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1312	1260	1238	1257	1307	1359	1382	1361	0- 5	313.2	313.2
10.0	1306	1196	1144	1191	1299	1407	1457	1413	5- 10	934.0	1247
15.0	1294	1118	1042	1114	1287	1462	1533	1470	10- 15	1537	2784
20.0	1274	1031	956.1	1029	1272	1519	1620	1528	15- 20	2116	4900
25.0	1241	946.3	879.1	945.4	1251	1585	1710	1593	20- 25	2674	7573
30.0	1196	865.8	803.4	866.0	1218	1656	1825	1666	25- 30	3206	10780
35.0	1139	773.4	717.3	776.4	1169	1725	1933	1741	30- 35	3697	14477
40.0	1042	664.0	612.8	664.2	1086	1782	2094	1810	35- 40	4115	18591
45.0	946.0	544.2	514.6	540.0	961.8	1808	2312	1846	40- 45	4434	23025
50.0	808.6	402.4	437.4	390.8	827.7	1752	2498	1812	45- 50	4664	27689
55.0	612.4	258.2	343.1	249.5	650.3	1531	2367	1598	50- 55	4669	32359
60.0	401.3	142.4	116.5	132.7	433.1	1271	1005	1348	55- 60	4008	36367
65.0	155.9	81.12	84.04	77.50	234.6	853.6	232.3	955.0	60- 65	2410	38777
70.0	60.73	55.54	61.65	53.27	64.70	188.6	98.51	209.0	65- 70	983.1	39760
75.0	36.74	31.50	41.31	29.51	38.15	53.10	69.82	53.04	70- 75	317.4	40078
80.0	18.72	13.85	17.66	13.01	21.48	27.18	61.55	26.70	75- 80	173.8	40252
85.0	7.063	4.580	4.195	4.152	6.880	10.41	13.59	10.45	80- 85	79.37	40331
90.0	1.290	1.329	1.779	1.371	0.977	1.553	0.845	2.026	85- 90	21.45	40352
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm	

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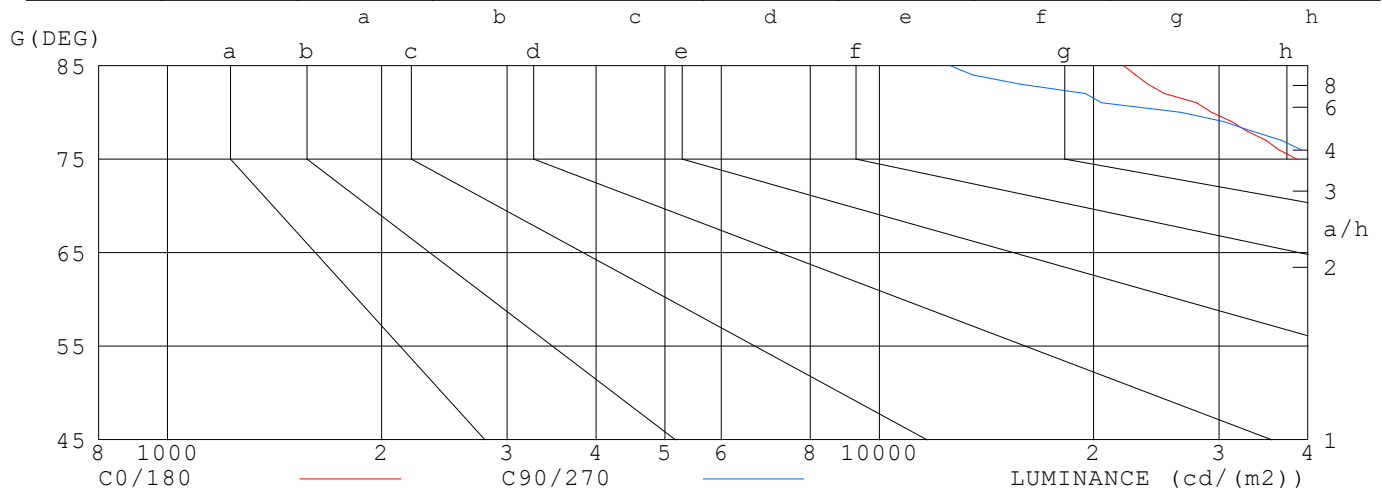
LUMINANCE LIMITATION CURVES

Report number:

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LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	22037	12569
80	29318	26559
75	38607	41685
70	48288	47068
65	100337	51928
60	218255	60888
55	290369	156198
50	342068	177711
45	363806	190047

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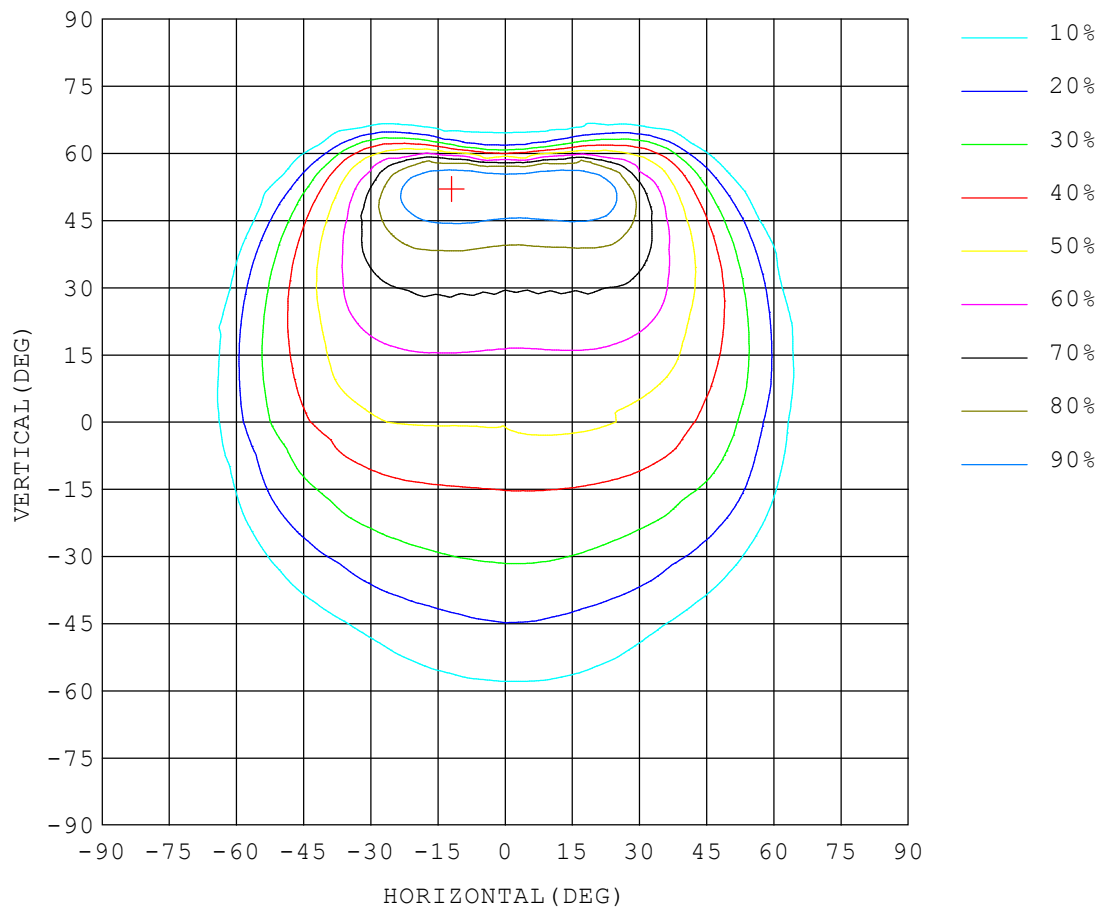
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ISOCANDELA DIAGRAM

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UNIT: cd



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